1. Record Nr. UNINA9910585962603321 Autore Anderson Michael **Titolo** Challenges to tackling antimicrobial resistance: economic and policy responses / / edited by Michael Anderson, Michele Cecchini, Elias Mossialos [[electronic resource]] Pubbl/distr/stampa Cambridge University Press, 2020 Cambridge:,: Cambridge University Press,, 2019 **ISBN** 1-108-87375-8 1-108-87482-7 1-108-86412-0 Descrizione fisica 1 online resource (xxi, 250 pages) : digital, PDF file(s) Collana European Observatory on Health Systems and Policies Disciplina 616.9041 Soggetti Drug resistance Drug development Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Title from publisher's bibliographic system (viewed on 06 Apr 2020). Note generali Sommario/riassunto Antimicrobial resistance (AMR) is a biological mechanism whereby a micro-organism evolves over time to develop the ability to become resistant to antimicrobial therapies such as antibiotics. The drivers of and potential solutions to AMR are complex, often spanning multiple sectors. The internationally recognised response to AMR advocates for a 'One Health' approach, which requires policies to be developed and implemented across human, animal, and environmental health. To date, misaligned economic incentives have slowed the development of novel antimicrobials and limited efforts to reduce antimicrobial usage. However, the research which underpins the variety of policy options to tackle AMR is rapidly evolving across multiple disciplines such as human medicine, veterinary medicine, agricultural sciences, epidemiology, economics, sociology and psychology. By bringing together in one place the latest evidence and analysing the different

facets of the complex problem of tackling AMR, this book offers an accessible summary for policy-makers, academics and students on the

big questions around AMR policy.